

25. The method of claim **24**, further comprising adding nuclease.

26. The method of claim **24**, wherein the amount of salt is about 1000 mM.

27. The method of claim **25**, wherein said nuclease is added before said lysis detergent and said salt.

28. In a method of harvesting a polypeptide produced by a producer cell expressing a transgene in vitro, the improvement comprising exposing said producer cell to a hypotonic solution for a time adequate to lyse the producer cell, and then harvesting the polypeptide.

29-34. (canceled)

35. The method of claim **4**, wherein said introducing into said cells a transgene is performed at a pH of less than 7.2.

36. The method of claim **35**, wherein said transgene is introduced into said cells by a viral vector.

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